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2387 U.S. PTO  
10/804657

COMMISSIONER FOR PATENTS  
P.O.Box 1450, Alexandria, VA 22313-1450

Docket No. **IV00-003**

Transmitted herewith for filing is the Patent Application of:

Inventor: **MONSONG CHEN, BODHI MUKERJEE, ALEX CHEN, APARNA PAPPU**

For: **A HARDWARE INDEPENDENT HIERARCHICAL CLUSTER OF HETEROGENEOUS MEDIA SERVERS USING A HIERARCHICAL COMMAND BEAT PROTOCOL TO SYNCHRONIZE DISTRIBUTED PARALLEL COMPUTING SYSTEMS AND EMPLOYING A VIRTUAL DYNAMIC NETWORK TOPOLOGY FOR DISTRIBUTED PARALLEL COMPUTING SYSTEM**

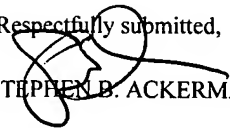
Enclosed are:

- ☒ **15** sheets of drawing(s) - formal.
- ☒ An assignment of the invention to **Infovalue Computing, Inc.**
- ☐ An associate power of attorney ☒ Applicant claims small entity status
- ☒ Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 385.
TOTAL CLAIMS	44 -20=	24	x 9 =	\$ 216.
INDEP CLAIMS	2 -3=	0	x 43 =	\$ 0.
SUB TOTAL				\$ 601.
ASSIGNMENT				\$40.
TOTAL				\$ 641.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of **\$ 641.** A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR §1.16.
  - ☒ Any patent application processing fees under 37 CFR §1.17.


Respectfully submitted,  
  
STEPHEN B. ACKERMAN, REG. NO. 37,761

**EXPRESS MAIL CERTIFICATE**

Express Mail No. **EV319114246US**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor **Chen, Monsong**

Title

A Hardware Independent Hierarchical Cluster of Heterogeneous Media Servers Using A Hierarchical Command Beat Protocol To Synchronize Distributed Parallel Computing Systems and Employing A Virtual Dynamic Network Topology for Distributed Parallel Computing System

Atty Docket Number

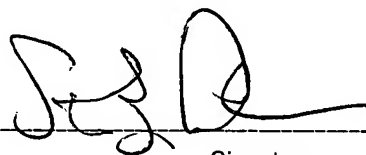
IV00-003

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 19, 2004

Date



Signature

Stephen B. Ackerman, Reg. No. 37,761

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**